

## Chains

At this cor. at 12h. 06m. p.m., l.m.t., I set off  $18^{\circ} 35\frac{1}{2}'$  N. on the decl. arc; observe the sun on the meridian. The resulting latitude is  $40^{\circ} 39'N$ .

- N.  $89^{\circ} 52'E$ . on a random line bet. secs. 4 and 9.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.80 Intersect N. and S. line, at the cor. of secs. 3, 4, 9 and 10.  
 Thence I run  
 S.  $89^{\circ} 52'W$ . on a true line bet. secs. 4 and 9.  
 Over mountainous land, descend.  
 17.50 Bottom of gulch, course N.  $15^{\circ}E$ ., ascend slide rock slope.  
 37.00 Top of rocky spur, 490 ft. above bottom of gulch, projects N.  $15^{\circ}E$ . and S.  $15^{\circ}W$ .; descend.  
 39.90 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 4  
 $\frac{1}{4}$   
 S 9  
 1914

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of corner.  
 55.30 Head of gulch, 360 ft. below top of spur, course N.  $15^{\circ}E$ .; ascend.  
 60.80 Top of spur, 80 ft. above head of gulch, projects N. and S.; descend.  
 70.30 Gulch, 200 ft. below top of spur, course N.  $15^{\circ}E$ .; ascend.  
 72.40 Spur projects N.; descend.  
 78.20 Canyon, course N.  $50^{\circ}E$ .; ascend.  
 79.80 The cor. of secs. 4, 5, 8 and 9.  
 Land, mountainous. Soil, rocky clay loam, slide rock and barren outcropping ledges. Undergrowth, sage and desert brush, bunch grass. No timber.

- Knowing that the line bet. secs. 4 and 5 will not close within limits I run  
 N.  $0^{\circ} 02'W$ . bet. secs. 4 and 5.  
 Over mountainous land, ascend.  
 5.00 Top of spur, projects S.  $80^{\circ}E$ . and N.  $80^{\circ}W$ .; descend.  
 8.00 Gulch, course S.  $45^{\circ}E$ .; ascend.  
 27.00 Top of spur, 410 ft. above bottom of gulch, projects N.  $80^{\circ}E$ . and along E. slope of spur.  
 32.00 Head of gulch, course S.  $45^{\circ}E$ .; ascend.  
 37.95 Top of spur, 80 ft. above head of gulch, projects N.  $45^{\circ}E$ . descend.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 5  $\frac{1}{4}$  | S 4  
 1914

- and raise amount of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high W. of corner.  
 60.50 Top of spur, projects N.  $30^{\circ}W$ . and S.  $30^{\circ}E$ .; descend.  
 70.50 Gulch, 490 ft. below top of spur, course N.  $25^{\circ}E$ .; ascend.  
 74.25 Spur, projects S.  $25^{\circ}W$ . and N.  $60^{\circ}W$ .; descend.  
 83.20 Intersect N. bdy. of the Tp. 4.32 chs. N.  $89^{\circ}40'W$ . of the point for the reestablished cor. of secs. 32 and 33.  
 At the point of intersection I build a corner as follows:  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in